Missouri Assessment Program Spring 2005

Mathematics

Released Items

Grade 10

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		ow of squares usir		e diagram below
shows the arran	gement of tooth	picks for the first 7	7 squares.	
			,	
use words, num		e to make a row of to justify your ansv		
the line.				

Go On ▶

DO NOT WRITE HERE #

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Dan called a tow truck company to tow his car. The company charges a fee of \$22.00 plus \$2.00 per mile for each mile towed. On the line below, write an equation that will allow Dan to calculate the total towing bill (y) when he knows the number of miles towed (x) .
equation
If Dan's towing bill was \$86.00, how many miles was his car towed? In the space below, provide the work that shows how you arrived at your answer and write your answer on the line.
miles

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